

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 0.99. The smaller the value, the greater the limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ad: Adrian, undrained----	75	Poor Wind erosion Low content of organic matter Carbonate content	0.00 0.18 0.92	Poor Depth to saturated zone	0.00	Poor Depth to saturated zone Content of organic matter	0.00 0.00
Am: Adrian, drained-----	75	Poor Wind erosion Low content of organic matter Carbonate content	0.00 0.18 0.92	Poor Depth to saturated zone	0.00	Poor Depth to saturated zone Content of organic matter	0.00 0.00
Au: Aubbeenaubbee-----	90	Fair Carbonate content Too acid Low content of organic matter	0.68 0.84 0.88	Fair Depth to saturated zone	0.04	Fair Depth to saturated zone	0.04
BlA: Blount-----	90	Poor Too clayey Carbonate content Droughty Low content of organic matter Water erosion	0.00 0.46 0.78 0.88 0.90	Fair Depth to saturated zone Shrink-swell	0.04 0.67	Poor Too Clayey Depth to saturated zone Hard to reclaim	0.00 0.04 0.54
BlB2: Blount-----	90	Fair Carbonate content Droughty Low content of organic matter Water erosion Too clayey	0.46 0.50 0.88 0.90 0.98	Fair Depth to saturated zone Shrink-swell	0.04 0.75	Fair Depth to saturated zone Hard to reclaim Carbonate content Too Clayey	0.04 0.20 0.46 0.70

Table ENG-2.--Construction Materials--Continued

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
BoB: Boyer-----	100	Poor Wind erosion Carbonate content Low content of organic matter Droughty	0.00 0.00 0.88 0.97	Good		Poor Rock fragments Hard to reclaim	0.00 0.18
BoC: Boyer-----	100	Poor Wind erosion Carbonate content Low content of organic matter Droughty	0.00 0.00 0.88 0.97	Good		Poor Rock fragments Hard to reclaim Slope	0.00 0.18 0.96
BoD2:							

Boyer-----	100	Poor		Good		Poor	
		Wind erosion	0.00			Rock fragments	0.00
		Carbonate content	0.00			Slope	0.00
		Low content of organic matter	0.88			Hard to reclaim	0.18
		Droughty	0.97				
Br:							
Brady-----	90	Fair		Fair		Fair	
		Low content of organic matter	0.88	Depth to saturated zone	0.04	Depth to saturated zone	0.04
		Too acid	0.97			Hard to reclaim	0.88
		Carbonate content	0.97			Rock fragments	0.94
Bx:							
Brookston-----	100	Fair		Poor		Poor	
		Carbonate content	0.68	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		No water erosion limitation	0.99	Shrink-swell	0.99	No rock fragments	0.99
CcC3:							
Casco-----	100	Poor		Good		Poor	
		Too sandy	0.00			Too sandy	0.00
		Carbonate content	0.00			Rock fragments	0.00
		Droughty	0.16			Carbonate content	0.00
		Low content of organic matter	0.50			Hard to reclaim	0.50
						Slope	0.63
ChB:							
Chelsea-----	100	Poor		Good		Poor	
		Too sandy	0.00			Too sandy	0.00
		Wind erosion	0.00				
		Low content of organic matter	0.12				
		Droughty	0.71				

Table ENG-2.--Construction Materials--Continued

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ChC:							
Chelsea-----	100	Poor		Good		Poor	
		Too sandy	0.00			Too sandy	0.00
		Wind erosion	0.00			Slope	0.96
		Droughty	0.03				
		Low content of organic matter	0.12				
CrA:							
Crosier-----	90	Fair		Fair		Fair	
		Carbonate content	0.68	Depth to saturated zone	0.04	Depth to saturated zone	0.04
		Droughty	0.86			Hard to reclaim	0.90
		Low content of organic matter	0.88				
		No water erosion limitation	0.99				
Ed:							
Edwards-----	100	Poor		Poor		Poor	
		Wind erosion	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Carbonate content	0.00			Content of organic matter	0.00
Em:							
Edwards-----	100	Poor		Poor		Poor	
		Wind erosion	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Carbonate content	0.00			Content of organic matter	0.00
FoA:							
Fox-----	90	Poor		Good		Fair	
		Carbonate content	0.00			Hard to reclaim	0.50
		Low content of organic matter	0.88			Rock fragments	0.94
		Too acid	0.97				
FoB:							
Fox-----	100	Poor		Good		Fair	
		Carbonate content	0.00			Hard to reclaim	0.50
		Low content of organic matter	0.88			Rock fragments	0.94

		Too acid	0.97				
FoC2:							
Fox-----	100	Poor		Good		Fair	
		Carbonate content	0.00			Hard to reclaim	0.50
		Low content of organic matter	0.88			Rock fragments	0.94
		Too acid	0.97			Slope	0.96

Table ENG-2.--Construction Materials--Continued

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
FsD2:							
Fox-----	50	Poor		Good		Poor	
		Carbonate content	0.00			Slope	0.00
		Low content of organic matter	0.88			Hard to reclaim	0.50
		Too acid	0.97			Rock fragments	0.94
Casco-----	30	Poor		Good		Poor	
		Too sandy	0.00			Too sandy	0.00
		Carbonate content	0.00			Rock fragments	0.00
		Droughty	0.22			Carbonate content	0.00
		Low content of organic matter	0.50			Slope	0.00
						Hard to reclaim	0.50
FsE2:							
Fox-----	50	Poor		Fair		Poor	
		Carbonate content	0.00	Slope	0.18	Slope	0.00
		Low content of organic matter	0.88			Hard to reclaim	0.50
		Too acid	0.97			Rock fragments	0.94
Casco-----	30	Poor		Fair		Poor	
		Too sandy	0.00	Slope	0.18	Slope	0.00
		Carbonate content	0.00			Too sandy	0.00
		Droughty	0.22			Rock fragments	0.00
		Low content of organic matter	0.50			Carbonate content	0.00
						Hard to reclaim	0.50
Fu:							
Fulton-----	90	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Too Clayey	0.00
		Carbonate content	0.68	Shrink-swell	0.34	Depth to saturated zone	0.00
		Low content of organic matter	0.88				
		No water erosion limitation	0.99				
Gf:							
Gilford-----	75	Fair		Poor		Poor	
		Low content of organic matter	0.12	Depth to saturated zone	0.00	Depth to saturated zone	0.00
Gp:							
Pits-----		Not rated		Not rated		Not rated	
HaA:							
Haskins-----	90	Fair		Fair		Fair	
		Low content of organic matter	0.75	Depth to saturated zone	0.04	Depth to saturated zone	0.04
		Too clayey	0.82	Shrink-swell	0.89	Hard to reclaim	0.10
		Too acid	0.97			Too Clayey	0.57
		No water erosion limitation	0.99				

Table ENG-2.--Construction Materials--Continued

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Hh:							

Homer-----	90	Poor Carbonate content	0.00	Fair Depth to saturated zone	0.04	Fair Depth to saturated zone	0.04
		Low content of organic matter	0.88			Hard to reclaim	0.50
Hm: Houghton, undrained---	75	Poor Wind erosion	0.00	Poor Depth to saturated zone	0.00	Poor Depth to saturated zone	0.00
						Content of organic matter	0.00
Ho: Houghton, drained---	75	Poor Wind erosion	0.00	Poor Depth to saturated zone	0.00	Poor Depth to saturated zone	0.00
						Content of organic matter	0.00
La: Lake Borders-----	100	Not rated		Not rated		Not rated	
Ma: Marl Beds-----	100	Not rated		Not rated		Not rated	
Mb: Marsh-----	100	Not rated		Not rated		Not rated	
MdB: Martinsville-----	100	Fair Carbonate content	0.46	Fair Shrink-swell	0.99	Good	
		Low content of organic matter	0.88				
		Too acid	0.97				
MeB: Metea-----	100	Poor Wind erosion	0.00	Good		Fair Too sandy	0.14
		Low content of organic matter	0.12				
		Too sandy	0.14				
		Droughty	0.44				
		Carbonate content	0.68				
		Too acid	0.84				

Table ENG-2.--Construction Materials--Continued

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
MFB2: Miami-----	100	Fair Carbonate content	0.68	Fair Depth to saturated zone	0.98	Fair Too Clayey	0.70
		Too acid	0.84			Depth to saturated zone	0.98
		Low content of organic matter	0.88			Hard to reclaim	0.99
		Too clayey	0.98				
		No water erosion limitation	0.99				
MFC2: Miami-----	100	Fair Carbonate content	0.68	Fair Depth to saturated zone	0.98	Fair Too Clayey	0.70
		Too acid	0.84			Slope	0.96
		Low content of organic matter	0.88			Depth to saturated zone	0.98
		Too clayey	0.98			Hard to reclaim	0.99
		No water erosion limitation	0.99				
MFD2: Miami-----	100	Fair Carbonate content	0.68	Fair Depth to saturated zone	0.98	Poor Slope	0.00
		Too acid	0.84			Too Clayey	0.70
		Low content of organic matter	0.88			Depth to saturated zone	0.98
		Too clayey	0.98			Hard to reclaim	0.99
		No water erosion limitation	0.99				

MfE2:							
Miami-----	100	Fair		Fair		Poor	
		Carbonate content	0.68	Slope	0.18	Slope	0.00
		Too acid	0.84			Too Clayey	0.70
		Low content of organic matter	0.88			Hard to reclaim	0.99
		Too clayey	0.98				
		No water erosion limitation	0.99				
MgC3:							
Miami-----	100	Fair		Fair		Fair	
		Carbonate content	0.68	Depth to saturated zone	0.98	Hard to reclaim	0.54
		Too acid	0.84			Too Clayey	0.70
		Droughty	0.87			Slope	0.96
		Low content of organic matter	0.88			Depth to saturated zone	0.98
		Too clayey	0.98				
		No water erosion limitation	0.99				

Table ENG-2.--Construction Materials--Continued

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
MgD3:							
Miami-----	100	Fair		Fair		Poor	
		Carbonate content	0.68	Depth to saturated zone	0.89	Slope	0.00
		Too acid	0.84			Hard to reclaim	0.54
		Droughty	0.87			Too Clayey	0.70
		Low content of organic matter	0.88			Depth to saturated zone	0.89
		Too clayey	0.98				
		No water erosion limitation	0.99				
MhA:							
Miami-----	100	Fair		Fair		Fair	
		Carbonate content	0.68	Shrink-swell	0.99	Too Clayey	0.70
		Too acid	0.84			Hard to reclaim	0.95
		Low content of organic matter	0.88				
		Too clayey	0.98				
		No water erosion limitation	0.99				
MhB2:							
Miami-----	100	Poor		Fair		Fair	
		Carbonate content	0.00	Shrink-swell	0.99	Too Clayey	0.70
		Too acid	0.84			Hard to reclaim	0.95
		Low content of organic matter	0.88				
		Too clayey	0.98				
		No water erosion limitation	0.99				
Mn:							
Milford-----	100	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Carbonate content	0.32	Shrink-swell	0.25	Too Clayey	0.00
MrE2:							
Morley-----	90	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.59	Too Clayey	0.00
		Carbonate content	0.46	Depth to saturated zone	0.98	Depth to saturated zone	0.98
		Low content of organic matter	0.88			Not hard to reclaim	0.99
		Water erosion	0.90				
		Droughty	0.99				
MrC2:							
Morley-----	100	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.59	Too Clayey	0.00
		Carbonate content	0.46	Depth to saturated zone	0.98	Slope	0.96
		Low content of organic matter	0.88			Depth to saturated zone	0.98
		Water erosion	0.90			Not hard to reclaim	0.99
		Droughty	0.99				

Table ENG-2.--Construction Materials--Continued

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
MrD2: Morley-----	100	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.59	Too Clayey	0.00
		Carbonate content	0.46	Depth to saturated zone	0.98	Slope	0.00
		Low content of organic matter	0.88			Depth to saturated zone	0.98
		Water erosion	0.90			Not hard to reclaim	0.99
		Droughty	0.99				
MsC3: Morley-----	100	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.74	Too Clayey	0.00
		Carbonate content	0.46	Depth to saturated zone	0.98	Hard to reclaim	0.46
		Droughty	0.51			Slope	0.96
		Low content of organic matter	0.88			Depth to saturated zone	0.98
MsD3: Morley-----	100	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.74	Too Clayey	0.00
		Carbonate content	0.46	Depth to saturated zone	0.98	Slope	0.00
		Droughty	0.51			Hard to reclaim	0.46
		Low content of organic matter	0.88			Depth to saturated zone	0.98
MtE: Morley-----	100	Fair		Fair		Poor	
		Droughty	0.44	Slope	0.18	Slope	0.00
		Carbonate content	0.46	Shrink-swell	0.75	Hard to reclaim	0.20
		Too clayey	0.82			Carbonate content	0.46
		Low content of organic matter	0.88			Too Clayey	0.59
MuC2: Morley-----	40	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.59	Too Clayey	0.00
		Carbonate content	0.46	Depth to saturated zone	0.98	Slope	0.96
		Low content of organic matter	0.88			Depth to saturated zone	0.98
		Droughty	0.99			Not hard to reclaim	0.99
Miami-----	30	Fair		Fair		Fair	
		Carbonate content	0.46	Depth to saturated zone	0.98	Too Clayey	0.70
		Too acid	0.84			Slope	0.96
		Low content of organic matter	0.88			Depth to saturated zone	0.98
		Too clayey	0.98			Hard to reclaim	0.99
		No water erosion limitation	0.99				

Table ENG-2.--Construction Materials--Continued

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Rawson-----	30	Poor		Fair		Fair	
		Wind erosion	0.00	Depth to saturated zone	0.76	Hard to reclaim	0.71
		Low content of organic matter	0.88	Shrink-swell	0.87	Depth to saturated zone	0.76
		Too acid	0.97			Rock fragments	0.94
		No water erosion limitation	0.99			Slope	0.96
OsB: Oshtemo-----	100	Poor		Good		Fair	
		Wind erosion	0.00			Too sandy	0.44

			Carbonate content	0.00			Hard to reclaim	0.50
			Too sandy	0.44			Rock fragments	0.94
			Low content of organic matter	0.88				
			Too acid	0.97				
OsC:								
Oshtemo-----	100	Poor			Good		Fair	
			Wind erosion	0.00			Too sandy	0.44
			Carbonate content	0.00			Hard to reclaim	0.50
			Too sandy	0.44			Rock fragments	0.94
			Low content of organic matter	0.88			Slope	0.96
			Too acid	0.97				
OtA:								
Oshtemo-----	100	Poor			Good		Fair	
			Carbonate content	0.00			Hard to reclaim	0.18
			Low content of organic matter	0.88			Rock fragments	0.88
			Too acid	0.97				
Pb:								
Palms-----	100	Poor			Poor		Poor	
			Too sandy	0.00	Depth to saturated zone	0.00	Too sandy	0.00
			Wind erosion	0.00			Depth to saturated zone	0.00
			Carbonate content	0.32			Content of organic matter	0.00
PdA:								
Paar-----	100	Fair			Fair		Fair	
			Carbonate content	0.92	Depth to saturated zone	0.98	Depth to saturated zone	0.98
			No water erosion limitation	0.99				
Pe:								
Pewamo-----	100	Poor			Poor		Poor	
			Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
			Carbonate content	0.97	Shrink-swell	0.33	Too Clayey	0.00

Table ENG-2.--Construction Materials--Continued

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
RaB:							
Rawson-----	100	Fair		Fair		Fair	
		Low content of organic matter	0.88	Depth to saturated zone	0.76	Hard to reclaim	0.71
		Too acid	0.97	Shrink-swell	0.87	Depth to saturated zone	0.76
						Rock fragments	0.94
RaC2:							
Rawson-----	100	Fair		Fair		Fair	
		Low content of organic matter	0.88	Depth to saturated zone	0.76	Hard to reclaim	0.71
		Too acid	0.97	Shrink-swell	0.87	Depth to saturated zone	0.76
						Rock fragments	0.94
						Slope	0.96
RbA:							
Rawson-----	100	Fair		Fair		Fair	
		Low content of organic matter	0.88	Depth to saturated zone	0.76	Hard to reclaim	0.71
		Too acid	0.97	Shrink-swell	0.87	Depth to saturated zone	0.76
		No water erosion limitation	0.99			Rock fragments	0.94
RbB:							
Rawson-----	100	Fair		Fair		Fair	
		Low content of organic matter	0.88	Depth to saturated zone	0.76	Hard to reclaim	0.71
		Too acid	0.97	Shrink-swell	0.87	Depth to saturated zone	0.76
		No water erosion limitation	0.99			Rock fragments	0.94
RdB2:							
Rawson-----	40	Fair		Fair		Fair	
		Low content of	0.88	Depth to	0.76	Hard to reclaim	0.71

Miami-----	30	organic matter		saturated zone			
		Too acid	0.97	Shrink-swell	0.87	Depth to	0.76
		No water erosion	0.99			saturated zone	
		limitation				Rock fragments	0.94
		Fair		Fair		Fair	
		Carbonate content	0.46	Depth to	0.98	Too Clayey	0.70
		Too acid	0.84	saturated zone			
						Depth to	0.98
		Low content of	0.88			saturated zone	
		organic matter				Hard to reclaim	0.99
		Too clayey	0.98				
		No water erosion	0.99				
		limitation					

Table ENG-2.--Construction Materials--Continued

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Morley-----	30	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.59	Too Clayey	0.00
		Carbonate content	0.46	Depth to	0.98	Depth to	0.98
				saturated zone		saturated zone	
		Low content of	0.88			Not hard to	0.99
		organic matter				reclaim	
		Droughty	0.99				
Re: Rensselaer-----	100	Fair		Poor		Poor	
		Carbonate content	0.46	Depth to	0.00	Depth to	0.00
				saturated zone		saturated zone	
				Shrink-swell	0.99		
RsA: Riddles-----	90	Fair		Fair		Good	
		Carbonate content	0.68	Shrink-swell	0.99		
		Low content of	0.88				
		organic matter					
		Too acid	0.97				
RsB: Riddles-----	100	Fair		Fair		Good	
		Carbonate content	0.68	Shrink-swell	0.99		
		Low content of	0.88				
		organic matter					
		Too acid	0.97				
RsC2: Riddles-----	100	Fair		Fair		Fair	
		Carbonate content	0.68	Shrink-swell	0.99	Slope	0.96
		Low content of	0.88				
		organic matter					
		Too acid	0.97				
RsD2: Riddles-----	100	Fair		Fair		Poor	
		Carbonate content	0.68	Shrink-swell	0.99	Slope	0.00
		Low content of	0.88				
		organic matter					
		Too acid	0.97				
Se: Sebewa-----	100	Poor		Poor		Poor	
		Carbonate content	0.00	Depth to	0.00	Depth to	0.00
				saturated zone		saturated zone	
				No shrink-swell	0.99	Rock fragments	0.28
				limitation			
						Hard to reclaim	0.50
						Carbonate content	0.97
						Hard to reclaim	0.99
Sh: Shoals-----	90	Fair		Fair		Fair	
		No water erosion	0.99	Depth to	0.04	Depth to	0.04
		limitation		saturated zone		saturated zone	

Table ENG-2.--Construction Materials--Continued

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material	Potential source of roadfill	Potential source of topsoil
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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
To:							
Toledo-----	100	Poor Too clayey Carbonate content	0.00 0.92	Poor Depth to saturated zone Shrink-swell	0.00 0.32	Poor Too Clayey Depth to saturated zone	0.00 0.00
W:							
Water-----	100	Not rated		Not rated		Not rated	
Wa:							
Wallkill-----	100	Fair Too acid No water erosion limitation	0.97 0.99	Poor Depth to saturated zone	0.00	Poor Depth to saturated zone	0.00
WrA:							
Warsaw-----	100	Fair Low content of organic matter Carbonate content Too acid	0.50 0.68 0.97	Good		Fair Hard to reclaim	0.50
Ws:							
Washtenaw-----	100	Fair Water erosion Carbonate content	0.90 0.92	Poor Depth to saturated zone Shrink-swell	0.00 0.85	Poor Depth to saturated zone	0.00
Wt:							
Whitaker-----	90	Fair Carbonate content Low content of organic matter	0.80 0.88	Fair Depth to saturated zone Shrink-swell	0.04 0.99	Fair Depth to saturated zone	0.04